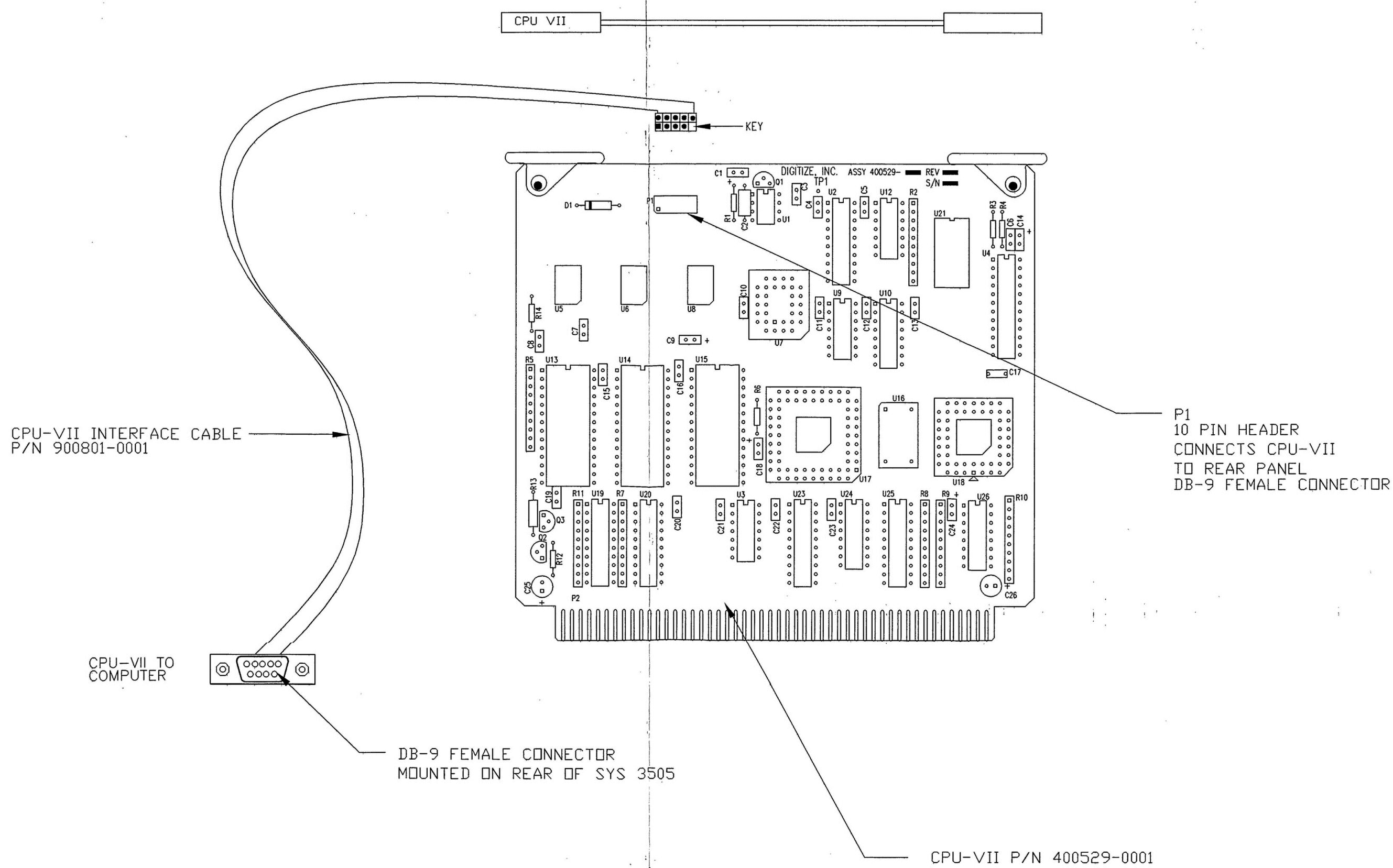


REV	LOC	RN	CHANGE	BY	APP.
A			ORIGINAL RELEASE		
B		2290	ADDED I/O CARD	SOR	rm 8/7/02

PROGRAM AND MEMORY

CPU VII



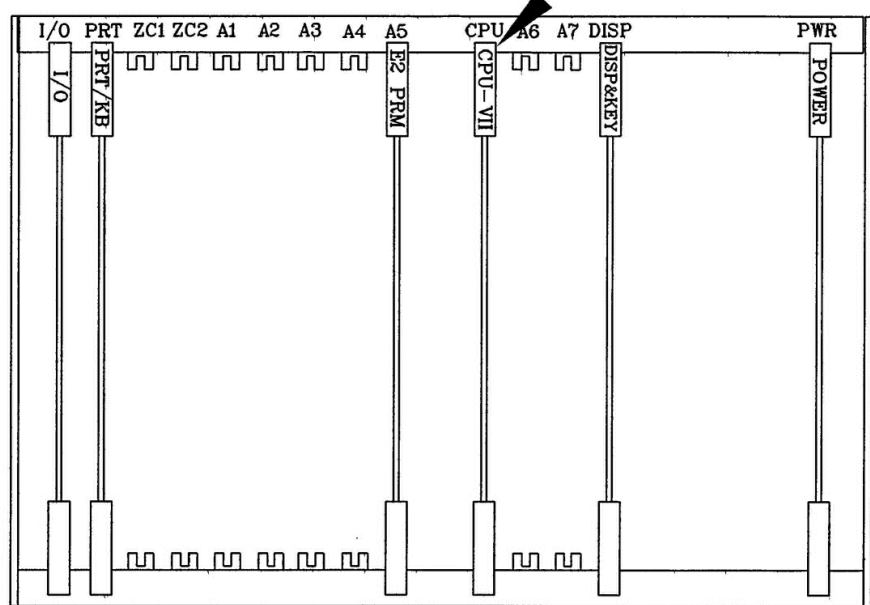
PROGRAM CHANGE IN THE FIELD

1. THE CPU-VII ALLOWS THE USER TO UPGRADE THE PROGRAM IN THE FIELD, USING A COMPUTER AND A SERIAL CABLE.
2. USING A SERIAL CABLE, CONNECT A PC TO THE SYSTEM 3505 VIA THE DB-9 FEMALE CONNECTOR LOCATED ON THE BACK OF THE UNIT.
3. INSERT THE CPU-VII CD INTO THE CD ROM DRIVE.
4. TO START SETUP PROGRAM, CLICK START, THEN RUN, THEN BROWSE. LOCATE THE CD FILE ON THE DRIVE LETTER YOUR CD IS ASSIGNED. CLICK THE SETUP.EXE FILE, THEN OPEN, THEN OK. THE SETUP PROGRAM WILL START. A SCREEN WILL APPEAR, FOLLOW PROMPTS.
5. WHEN THE PC SCREEN DISPLAYS "ATTEMPTING TO ESTABLISH LINK" PRESS THE RESET KEY INSIDE THE SYSTEM 3505 PRINTER DOOR
6. THE SYSTEM 3505 SHOULD DISPLAY "LINK TO PC NOW ESTABLISHED"
7. CHOOSE Upload new program to SYSTEM 3505
8. ENTER, OR SELECT THE PROGRAM NAME S7xxSTDx.BIN TO BE UPLOADED
9. THE PC WILL DISPLAY ERASING FLASH 1. 2. etc..
10. WHEN THE UPLOAD IS COMPLETED YOU WILL HEAR A BEEP AND SEE OPERATION COMPLETED!
11. CHOOSE RUN PROGRAM IN THE SYSTEM 3505 FROM THE MENU
12. THE SYSTEM SHOULD NOW REBOOT AND RUN ITS DIAGNOSTICS, AND BEGIN PROPER OPERATION WITH NEW PROGRAM.

NOTE: SEE SECTION 21 OF THE SYSTEM 3505 USER MANUAL FOR MORE INFORMATION.

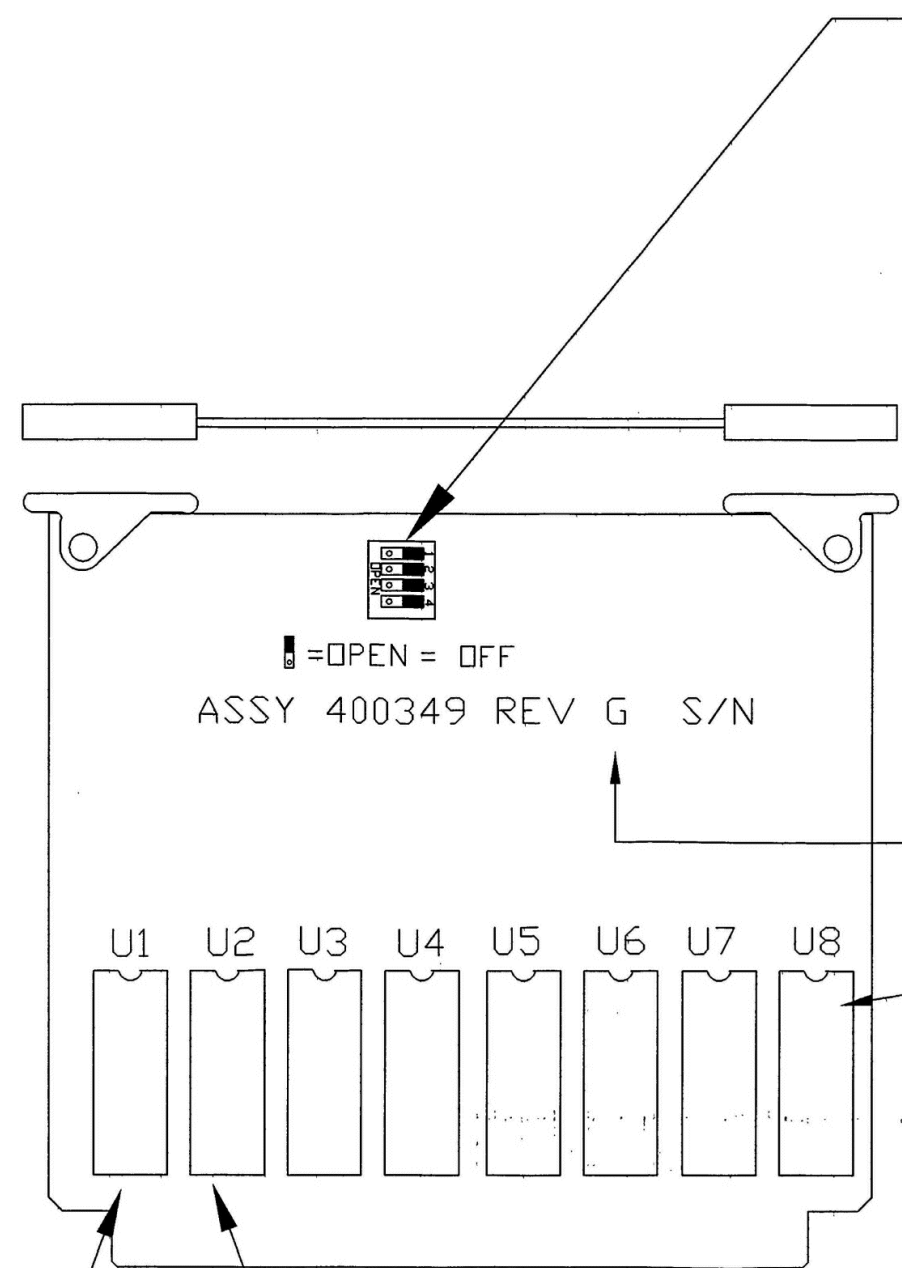


PROGRAM CD SUPPLIED



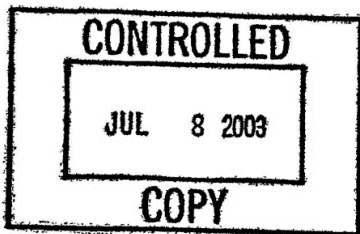
CPU CARD SLOT

64K/128K/256K RAM PROM EE PROM



FIRST BOARD SHIPPED WITH SYSTEM. THIS BOARD MUST BE SET TO BOARD #0. FIRST BOARD MAY BE SUPPLIED LESS SWITCH PACK. IF ANY EXPANSION MEMORY BOARDS ARE INSTALLED, SET ITS DIP SWITCH TO THE NEXT BOARD NUMBER IN SEQUENCE. MEMORY BOARDS WILL OPERATE IN ANY CARD SLOT.

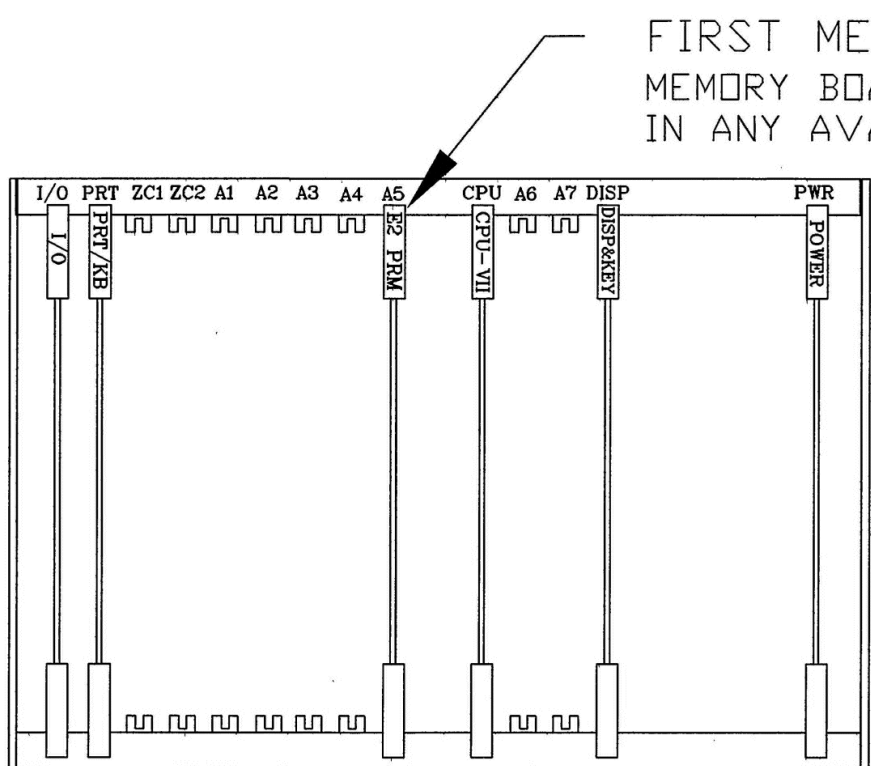
NOTE: FOR BOARD TO WORK WITH CPU-VII IT MUST BE REV G OR HIGHER.



FIRST MEMORY OPTION INSTALL AS REQUIRED, MEM32K

U1 SUPPLIED WITH SYSTEM. PROVIDED SYSTEM EEPROM MEMORY AS WELL AS 150 SCREENS OF USER TEXT. U1 IS ONLY SPECIAL ON BOARD #0, ALL OTHER BOARDS U1 WILL BE MEM32K.

NOTE: CHIPS MUST BE INSTALLED FROM LEFT TO RIGHT. DO NOT SKIP ANY SOCKETS. ONCE BOARD IS FILLED INSTALL ADDITIONAL BOARD #S



FIRST MEMORY BOARD. MEMORY BOARDS CAN BE INSTALLED IN ANY AVAILABLE CARD SLOT.

MEMORY BOARD NUMBER	MAXIMUM MEMORY	MAXIMUM SCREENS
0	232K	4350
1	488K	9150
2	744K	13950
3	1000K	18750
4	1256K	23550
5	1512K	28350
6	1768K	33150
7	2024K	37950

USED ON NEXT ASS'Y:	DRN 1/29/02 r.m	UNLESS OTHERWISE SPECIFIED .000+.005 .00+.015 ANG TOL=1/2°	DIGITIZE® INSTALLATION DWG SYSTEM 3505 PROGRAM & MEMORY
CHK			
ENG			
APP			
MATERIAL		SCALE	SIZE
		NONE	800321
DO NOT SCALE THIS DRAWING			REV B
SHEET 3 OF 100			

DIGITIZE DRAWINGS FOR REFERENCE ONLY.

TITLE 2
CONSTRUCTION

3/29/2005

48 DIGITIZE FIRE ALARM SYST
SYSTEM 3505
PROGRAM AND MEMORY

UNIVERSITY OF CALIFORNIA
LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION

DRAWN BY	AD	DATE	2/15/2005
CHECKED BY	MCG		3/4/2005
APPROVED BY	MCG		3/4/2005
CAD FILE PATH	00019057		
SCALE	As Noted		
DRAWING NO.	4B48E044		
PROJECT NO.	FE5011		
SHEET			3 OF 7